

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A light-emitting component comprising
at least one primary radiation source that in operation emits an electromagnetic primary radiation, and
at least one luminescence conversion element by means of which at least a portion of the primary radiation is converted into a radiation of altered wavelength, characterized in that disposed after said luminescence conversion element in a radiation direction of the component is a filter element comprising a plurality of nanoparticles embedded in a matrix material and having a dispersion-enhancing surface coating or a dispersion-enhancing surface modification, said nanoparticles comprising a filter substance which by absorption selectively reduces the radiation intensity of at least one spectral subregion of an unwanted radiation.
2. (Previously Presented) The component as in claim 1, wherein said unwanted radiation is the primary radiation or a spectral subregion of the primary radiation.
3. (Previously Presented) The component as in claim 1, wherein said unwanted radiation is from or overlaps with a UV wavelength range of less than or equal to 420 nm.
4. (Previously Presented) The component as in claim 1, wherein said primary radiation source comprises at least one luminescent diode that in operation emits UV radiation and/or blue light.

5. (Previously Presented) The component as in claim 1, wherein the radiation intensity of the spectral subregion of said unwanted radiation is reduced by at least 50%.

6. (Currently Amended) The component as in claim 1, wherein said nanoparticles have a ~~d₅₀ value which, measured in Q₀,~~ an average particle diameter that is less than or equal to 25 nm and greater than or equal to 1 nm.

7. (Currently Amended) The component as in claim 1, wherein said nanoparticles have a ~~d₅₀ value which, measured in Q₀,~~ an average particle diameter that is less than or equal to 21 nm and greater than or equal to 1 nm.

8. (Currently Amended) The component as in claim 1, wherein said nanoparticles have a ~~d₅₀ value which, measured in Q₀,~~ an average particle diameter that is less than or equal to one-twentieth of the minimum wavelength of an unwanted radiation and greater than or equal to 1 nm.

9. (Previously Presented) The component as in claim 1, wherein the filter substance comprises at least one material from the group consisting of the metal oxide group of materials, the sulfide group of materials, the nitride group of materials and the silicate group of materials.

10. (Previously Presented) The component as in claim 9, wherein said filter substance comprises at least one material from the group consisting of titanium dioxide, cerium dioxide, zirconium dioxide, zinc oxide, tungsten oxide, zinc sulfide and gallium nitride.

11. Canceled.

12. (Previously Presented) The component as in claim 11, wherein said matrix material is insensitive to UV radiation.

13. (Previously Presented) The component as in claim 12, wherein said matrix material comprises at least one material from the group consisting of silicone, spin-on glasses, silicon compounds and polymers.